BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: *Providing Recharging Pits to Existing Borewell Points Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.*

Job Code: 011-20-000116

P Code: *P-3726 Zonal Public Works*

Estimated Cost: Rs. 10.00 Lakh(s)

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Providing Recharging Pits to Existing Borewell Points Ward No. 11 (Ku[illegible]mpunagara), Vidyaranyapura Sub Division.**

	011-20-000116	**P-3726**				**Estimate Cost:**			**1000000.00**
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in hard soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. **Page No. 6 / Item No. 2.4 of PWD SR 2018-19**	Cum							
	Recharging Pits		21	3.142x1.3x1.3		3.00	83.63		
				4					
	Basic Rate	449.00					**83.63**	588.38	**49208.00**
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
		555.08							
	Area Weightage @ 6%	33.30							
	Total	**588.38**							
2	KSRRB M2900-2.2. KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP4 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 2900 **Pag No, 254, Item No. 34.3, PWD SR 2018-19**	m							
	Recharging Pits		21	3.00			63.00		
	Basic Rate	10145.00					**63.00**	10753.70	**677483.00**
	Area Weightage @ 6%	608.70							
	Total	**10753.70**							
3	KSRB 2.8 : Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS **Page No. 7 / Item No. 2.15 of PWD SR 2018-19**	Cum							
	Rain Water Racharging Pits		21	3.142x1.0x1.0		0.45	7.42		
				4					
	Basic Rate	2429.00					**7.42**	2574.74	**19112.00**
	Area Weightage @ 6%	145.74							
	Total	**2574.74**							
4	0734 - Providing Aggregate 53 mm nominal size **(P.I / I. 24) PWD SR 2018-19**	Cum							
	Rain Water Racharging Pits Inside the Ring		21	3.142x1.0x1.0		0.45	7.42		
				4					
	Outside the Ring		21	3.142x1.0x3.0		0.55	108.87		
							116.29	1054.29	**122607.00**
5	0750 - Providing Aggregate 40 mm nominal size **(P.II / I. 25) PWD SR 2018-19**	Cum							
	Rain Water Racharging Pits		21	3.142x1.0x1.0		0.45	**7.42**	1091.43	**8102.00**
				4					

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
6	0749 - Providing Aggregate 20 mm nominal size **(P.II / I. 28) PWD SR 2018-19**	Cum							
	Rain Water Racharging Pits		21	3.142x1.0x1.0 / 4		0.45	**7.42**	1091.43	**8102.00**
7	0334 - Providing sand / Artifical Sand / Manufactured sand **(P.II / I. 49) PWD SR 2018-19**	Cum							
	Rain Water Racharging Pits		21	3.142x1.0x1.0 / 4		0.30	**4.95**	1591.43	**7875.00**
	Sub Total								**892489.00**
	GST @ 12%								**107099.00**
	Miscellaneous and unforeseen charges								**412.00**
								Total	**1000000.00**
Rupees Ten Lakh(s) Only									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2018-19.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

21/04

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

21/04

Administrative Approval
Accorded For RS. 10.00 lakhs
Head of A/C P-3726
CER NO BS/144/20-21 DT: 20/03/2020

TA AE (BTP)

TECHNICAL SANCTION
Accorded For Rs. 10.00 Lakhs only
Head of A/c. P3726.
Div. Ref. No. 62 Date. 24/4/2020

AE

24/04
EE(BTP)